

2-85098600 03/30

24 JULY 2001
EXPRESS MAIL
EF 082128482 US

1/30 60980038-2

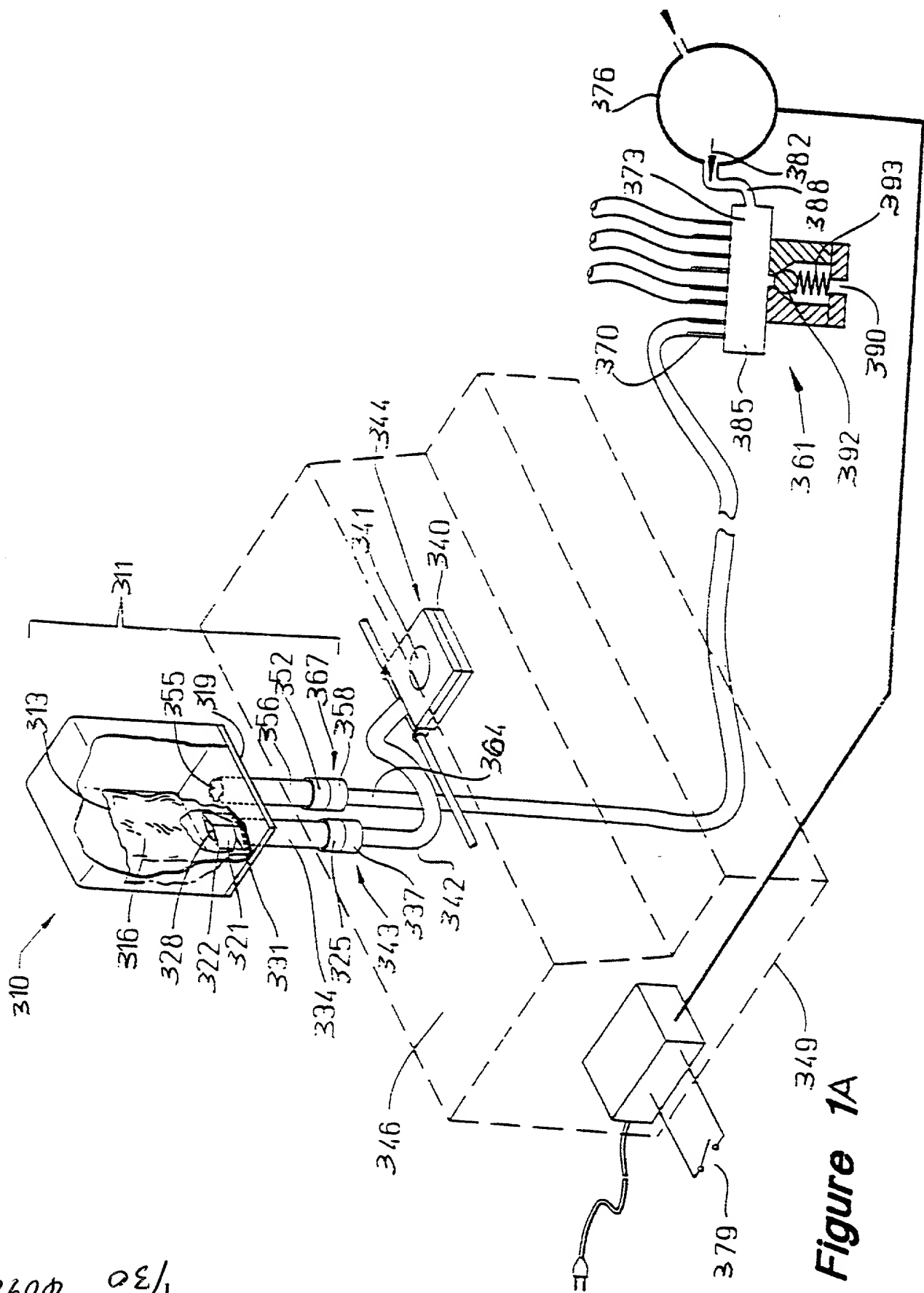


Figure 1A

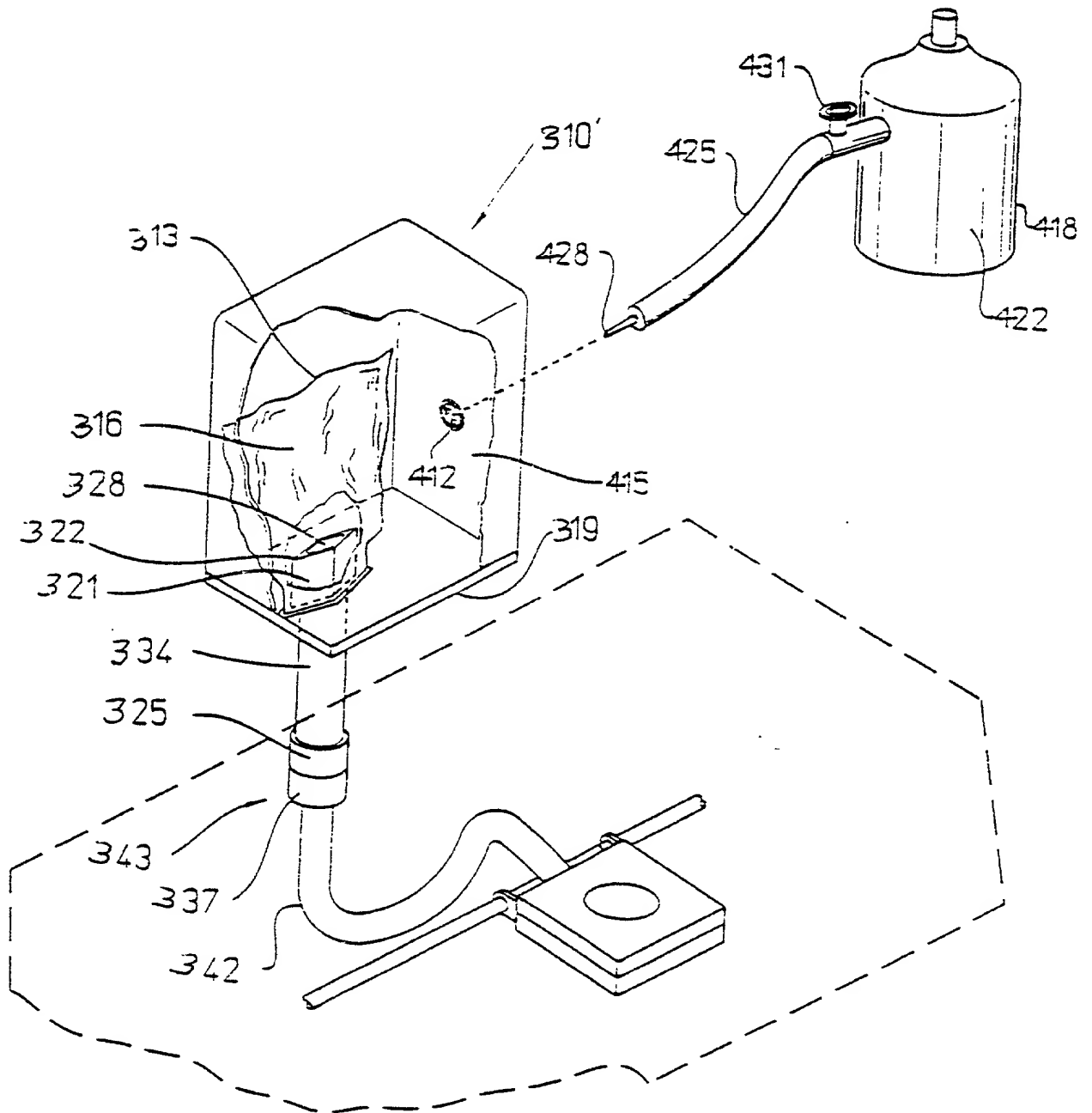


Figure 1B

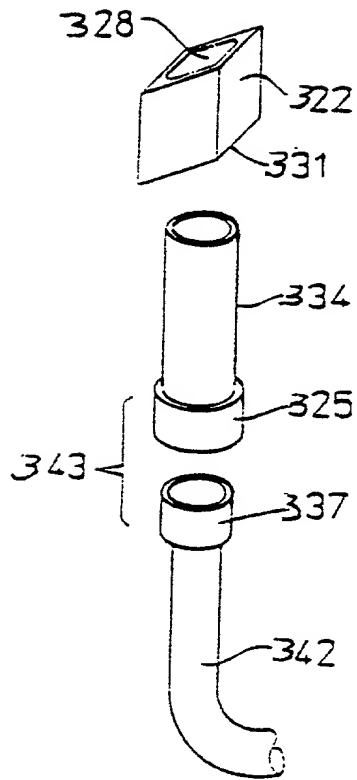


Figure 2A

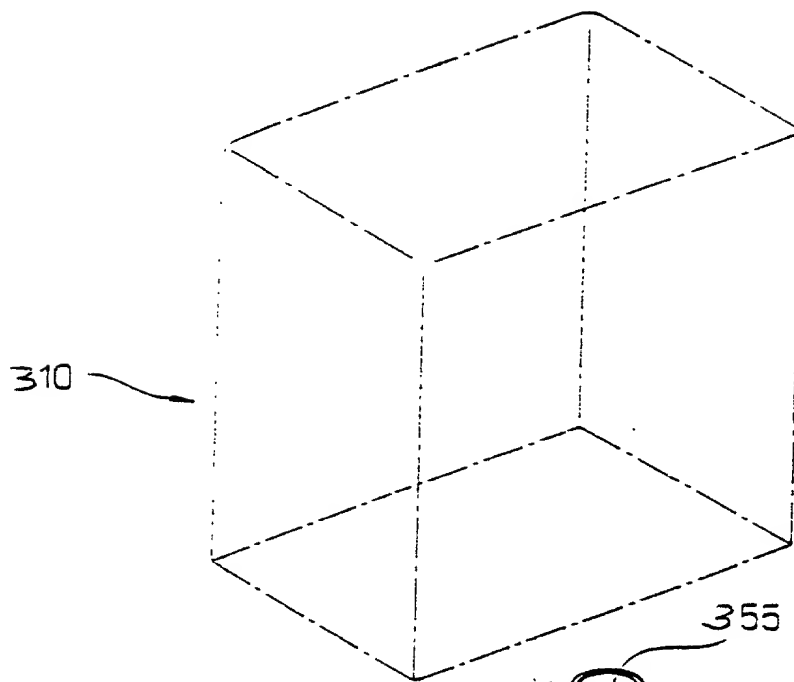
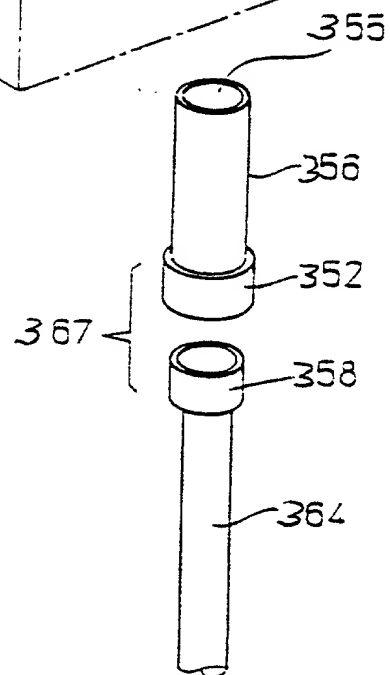


Figure 2B



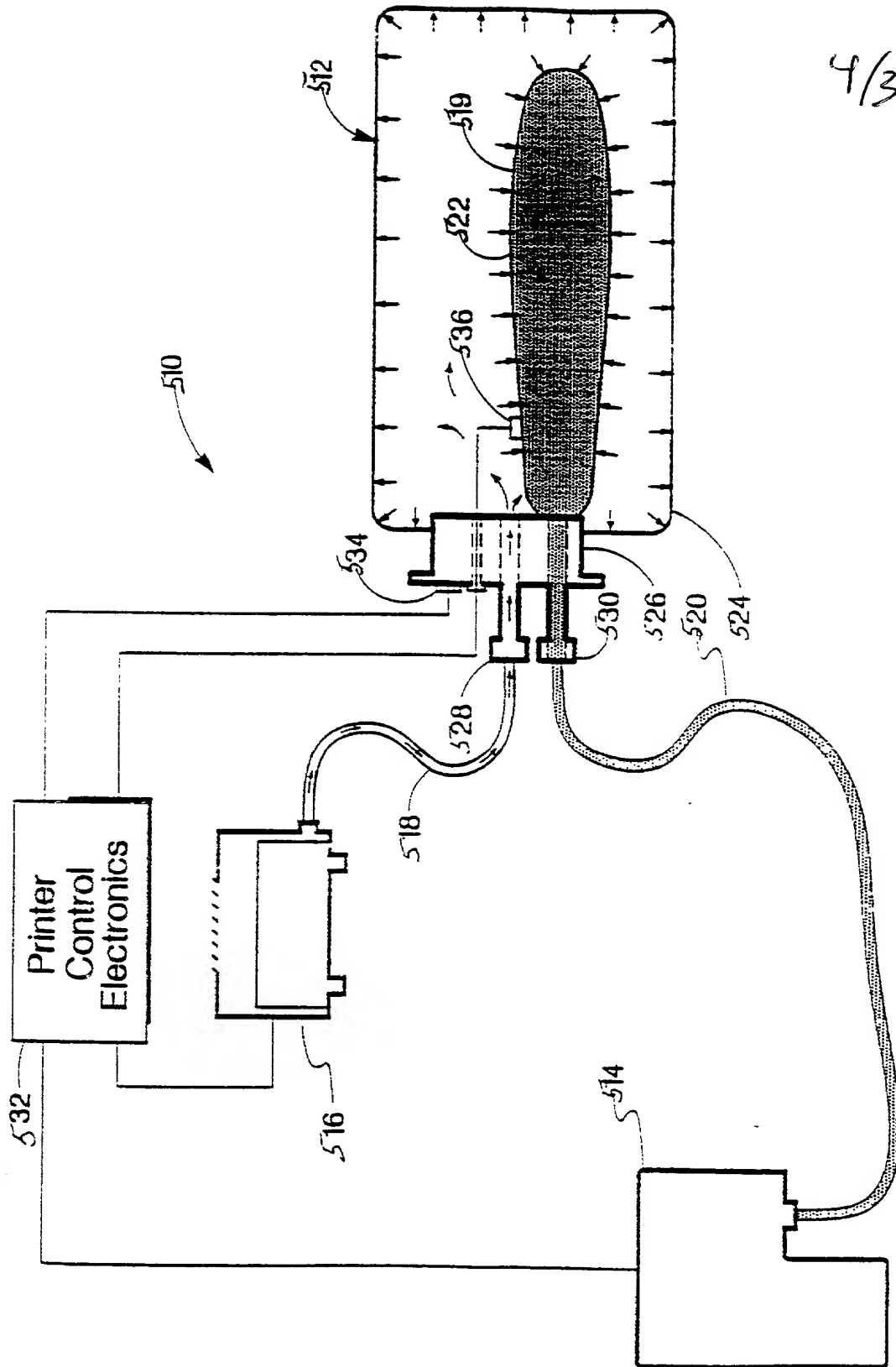


FIG. 3

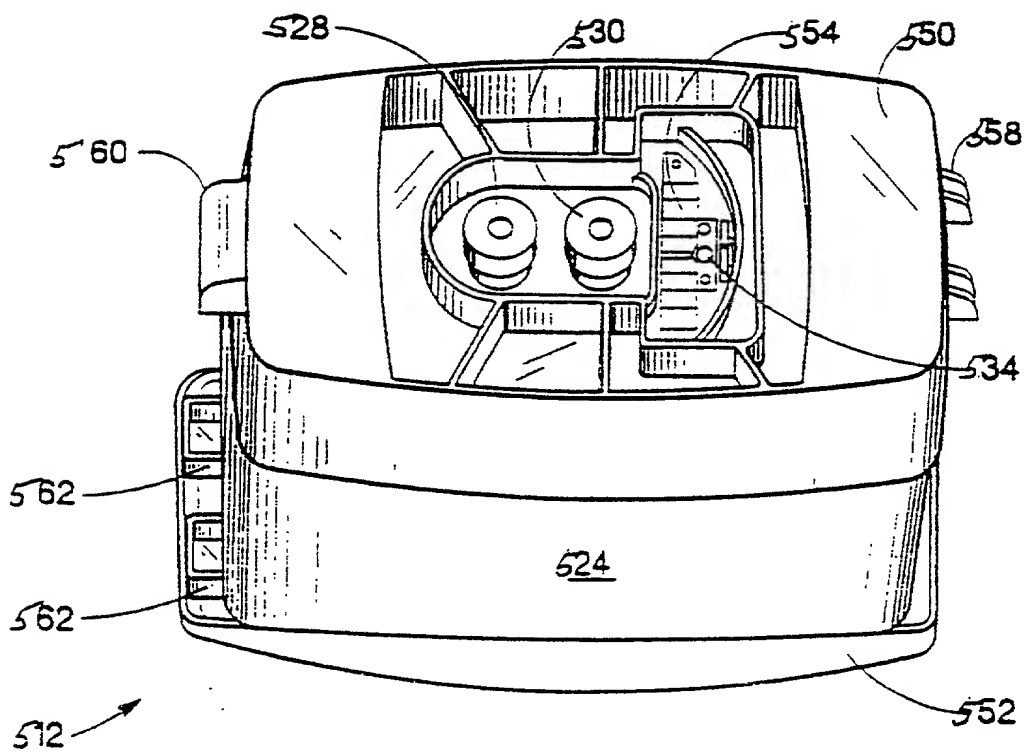


FIG. 4A

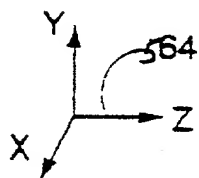
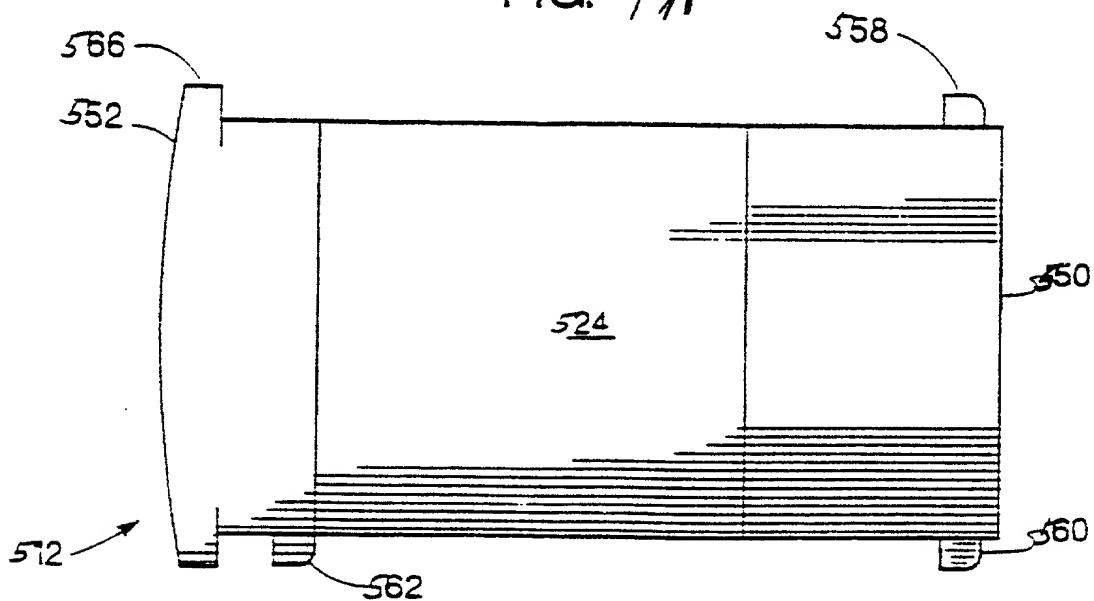


FIG 4B



FIG. 4C

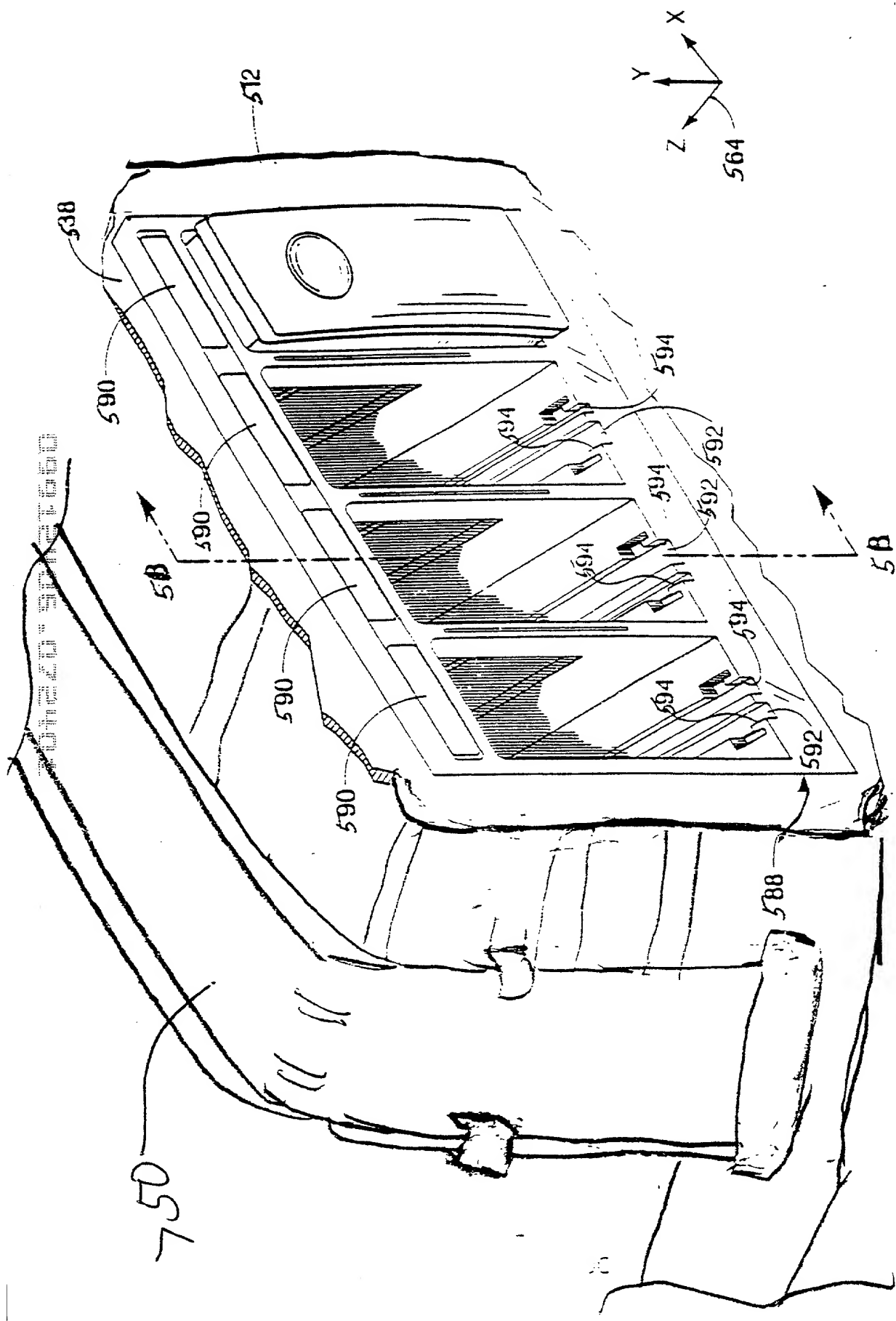
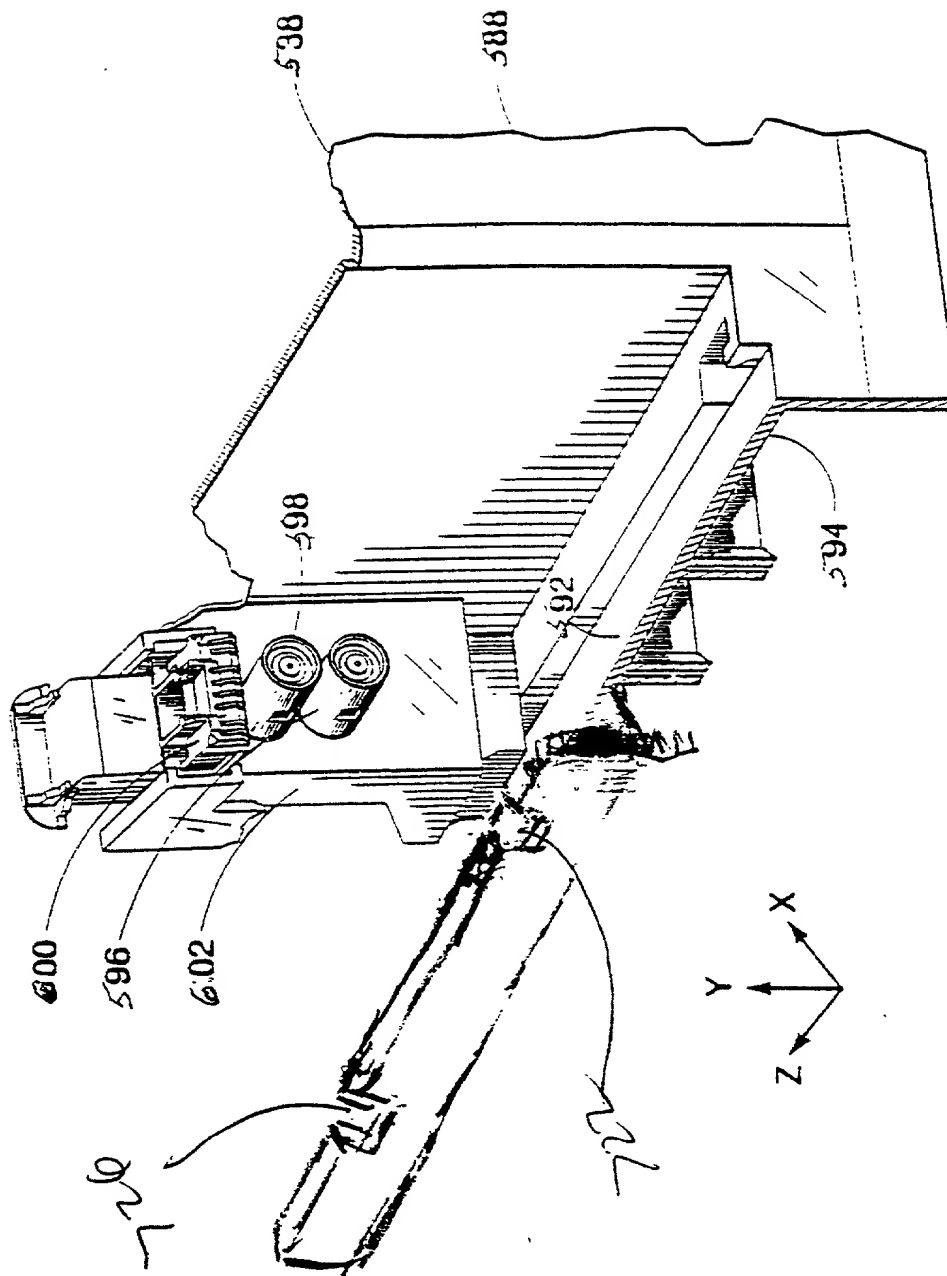


FIG. 5A

8/30

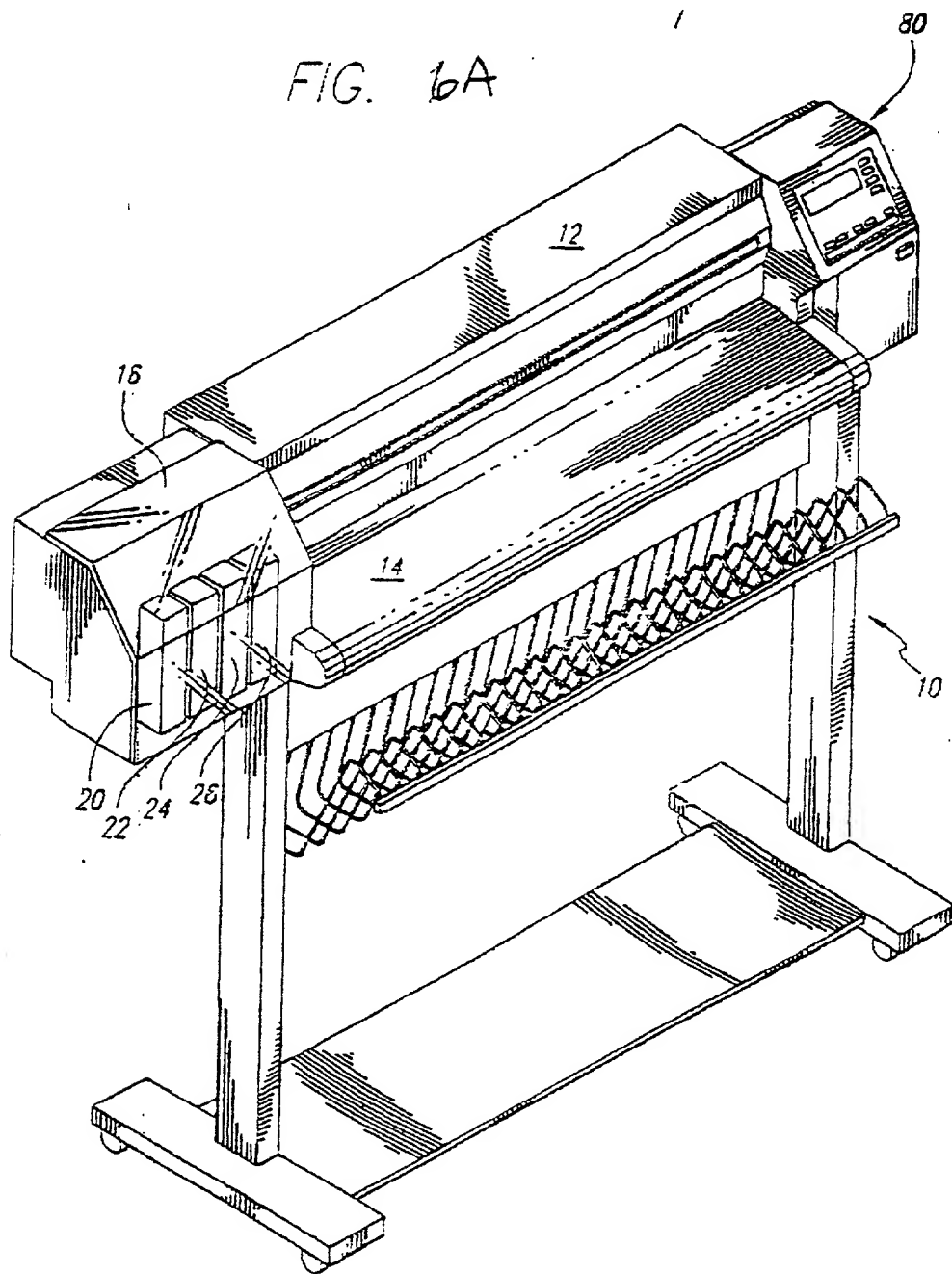


SECTION 5B--5B

FIG. 5B

9/30

FIG. 1A



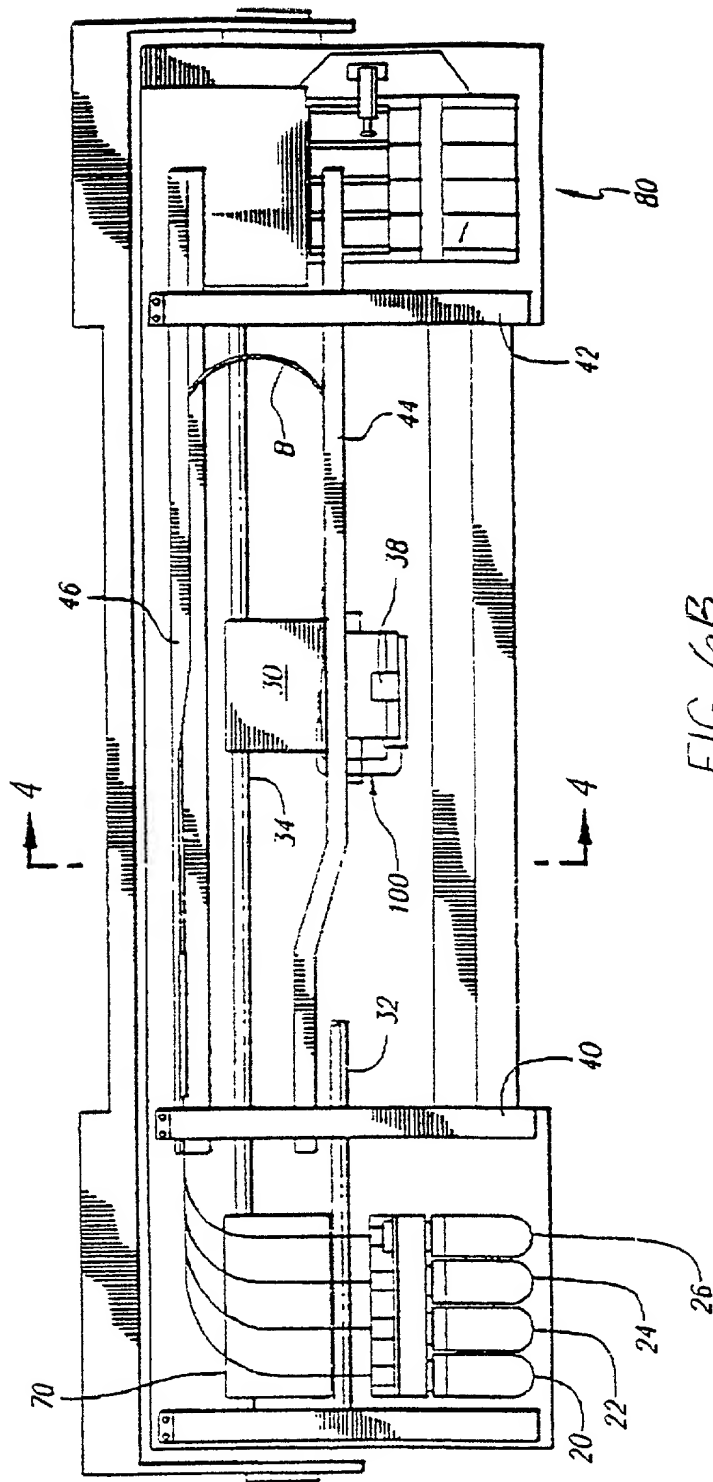
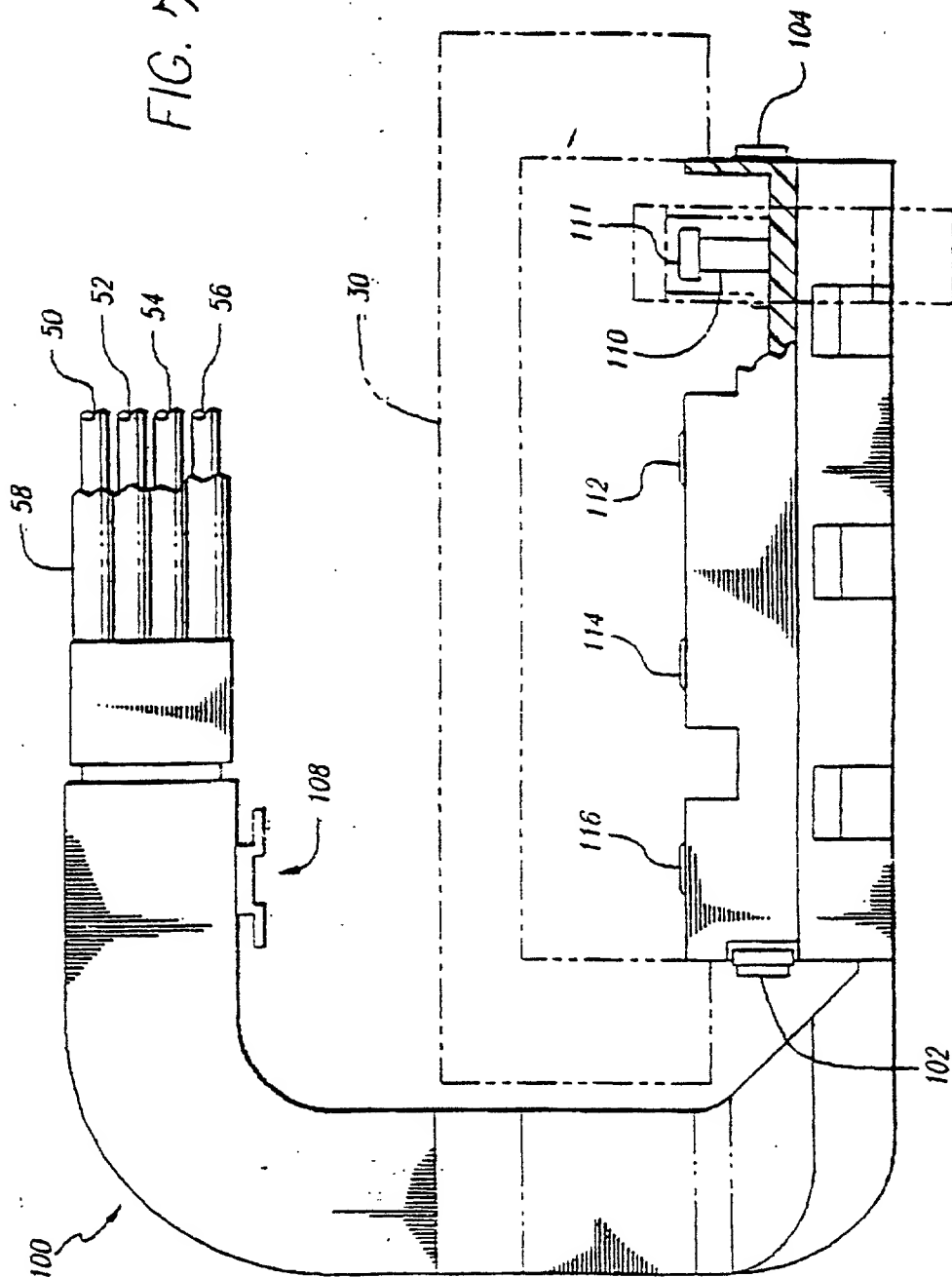
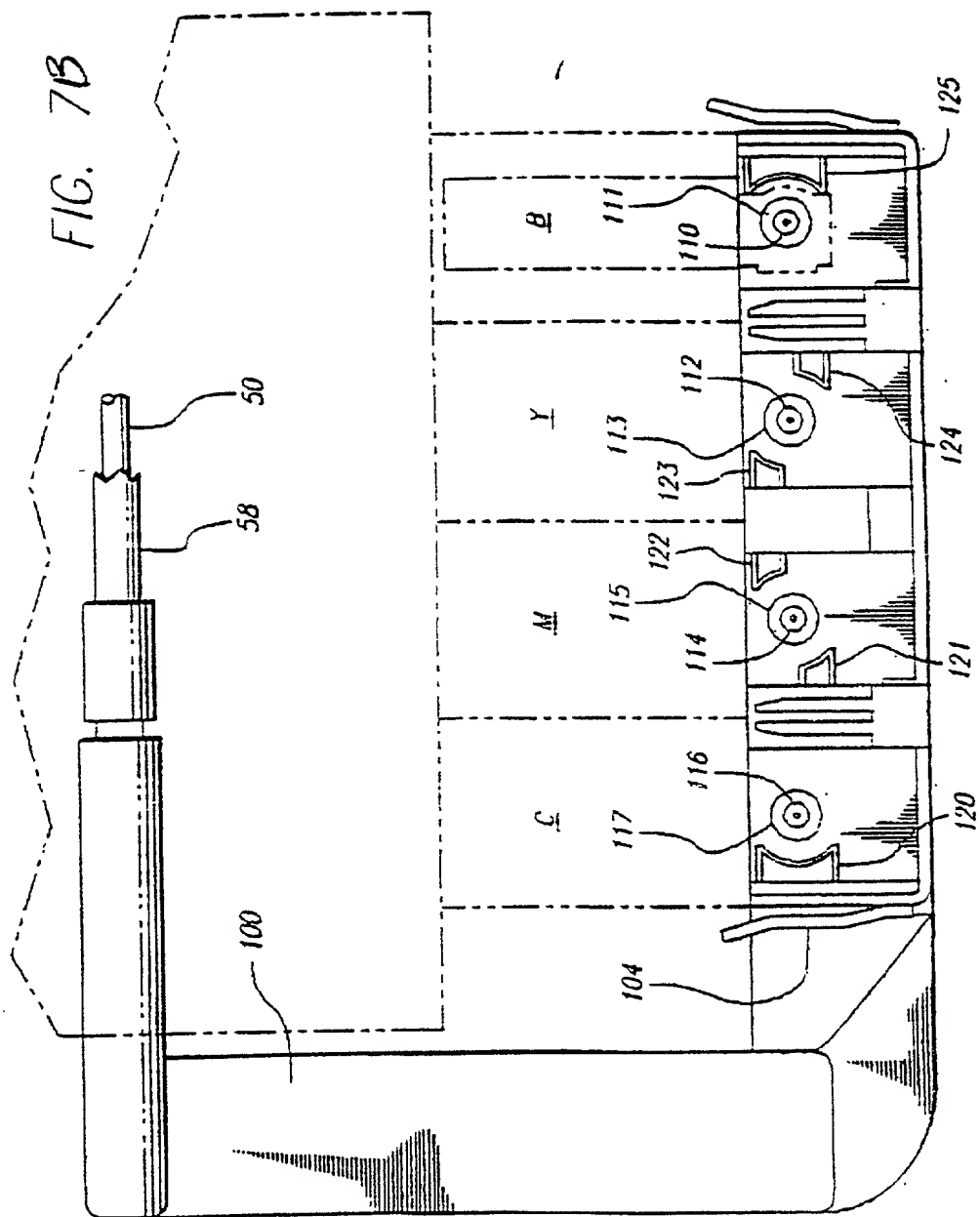


FIG. 6B

10/30





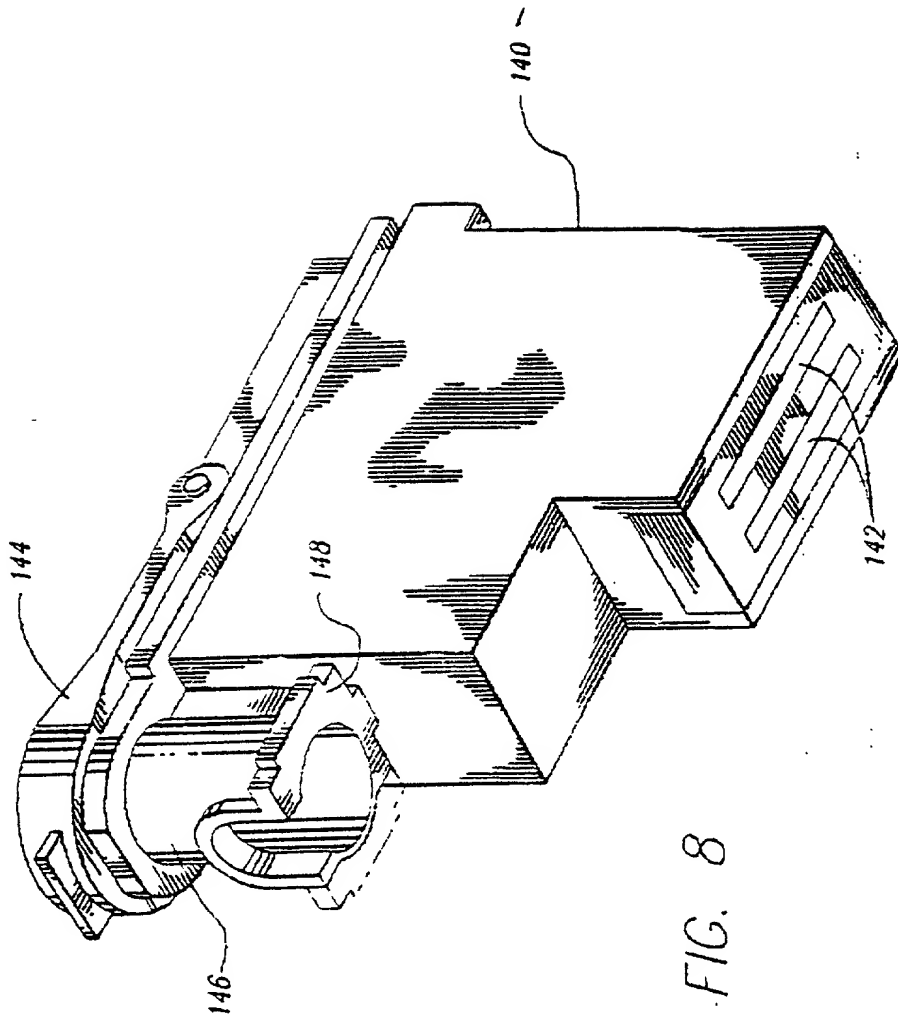
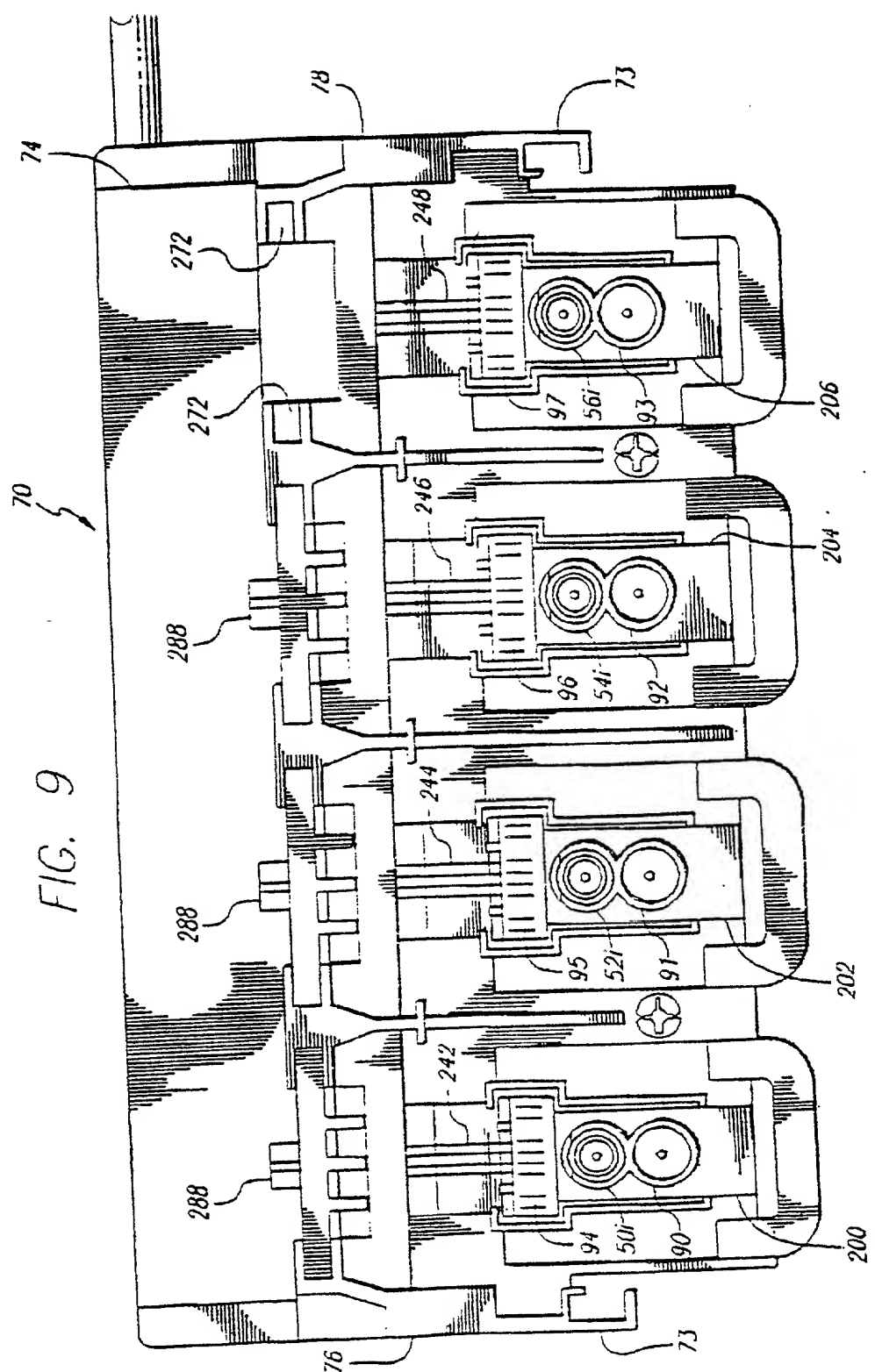


FIG. 8

FIG. 8



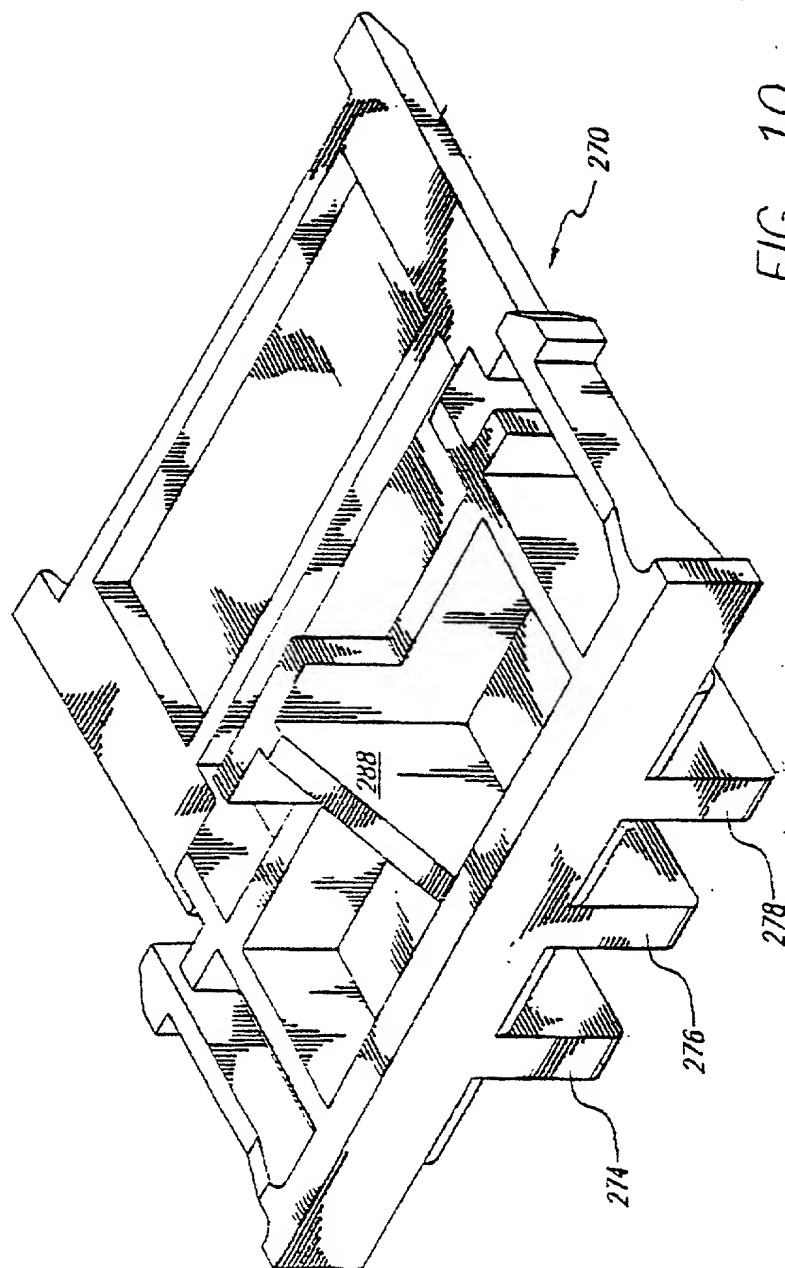
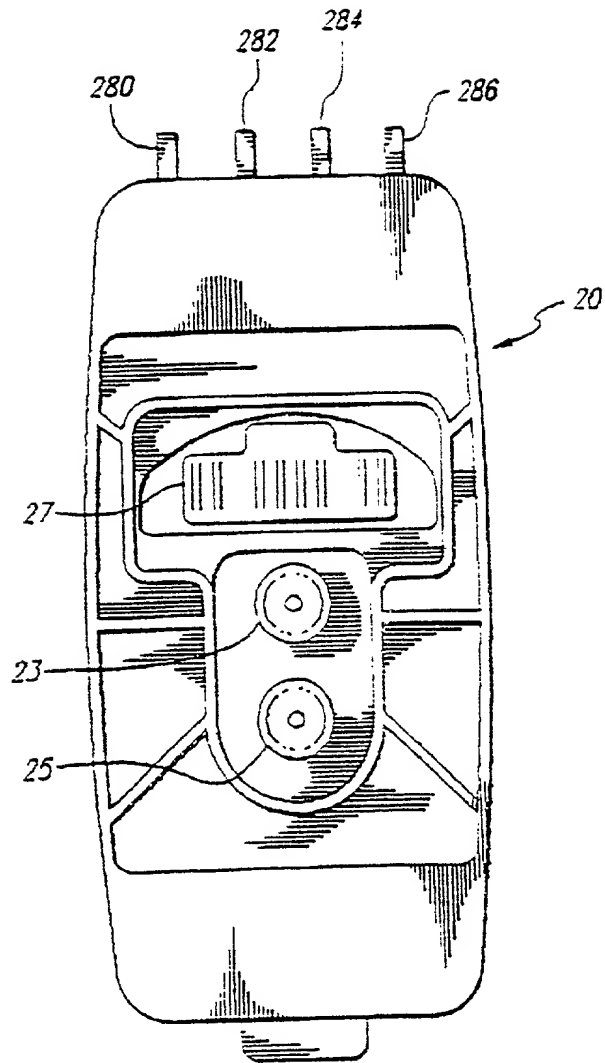


FIG. 10

16/30

FIG. 11



17/30

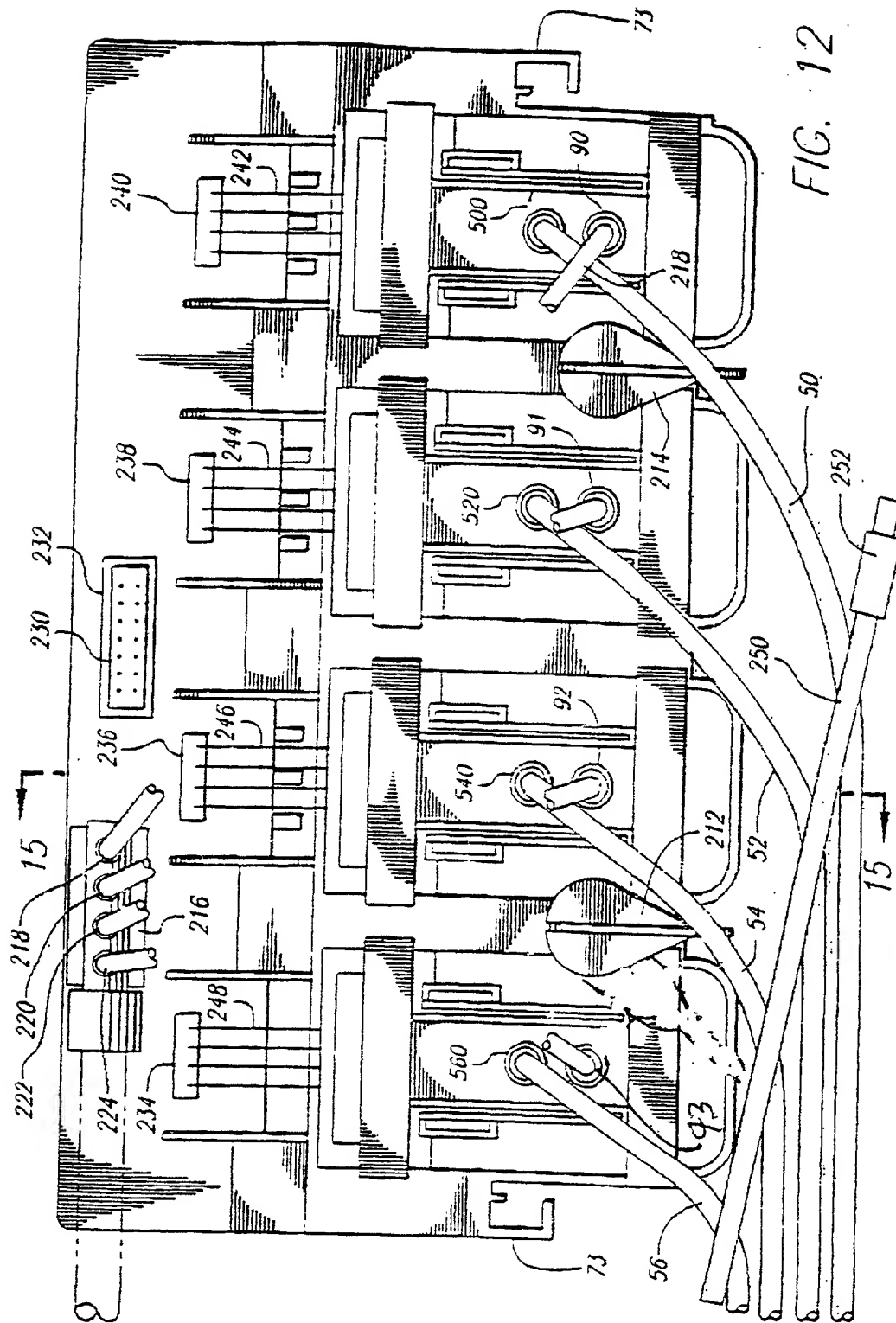


FIG. 12

18/30

1

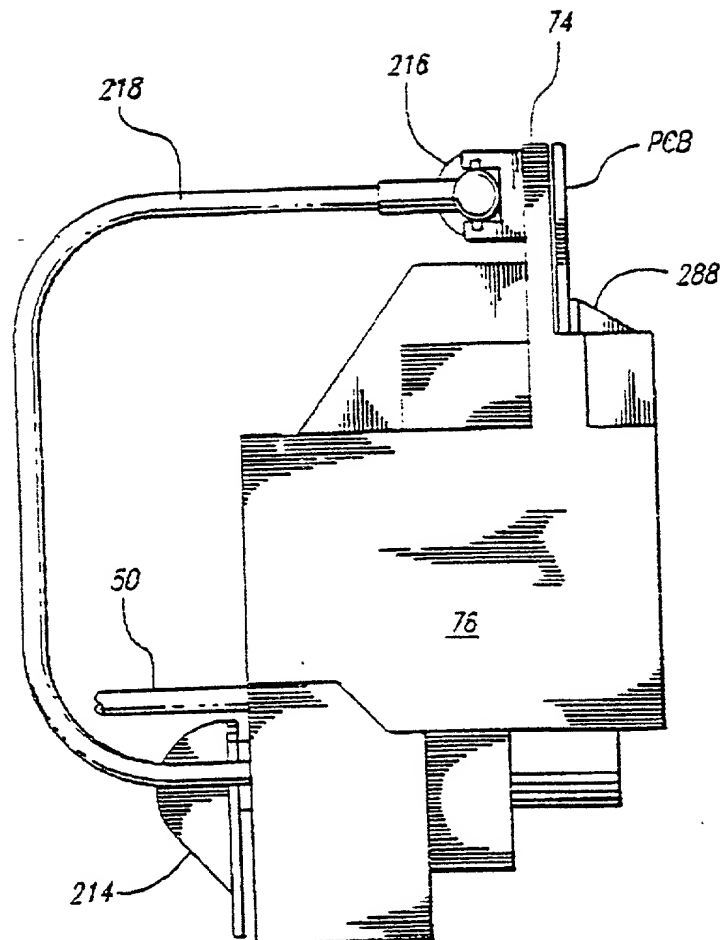


FIG. 13

20/30

FIG. 15

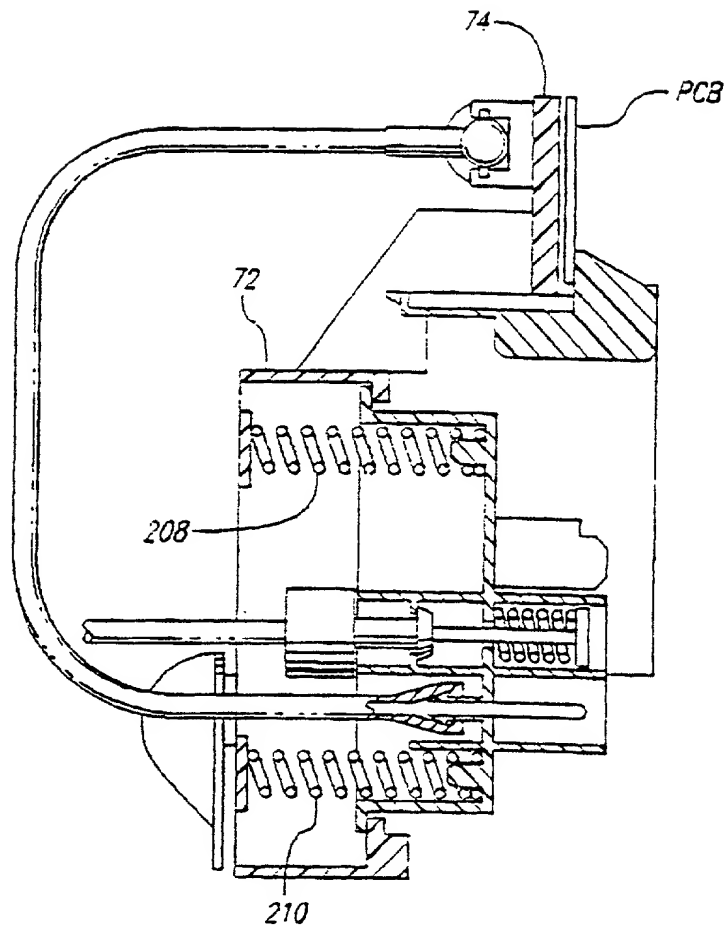


FIG. 15

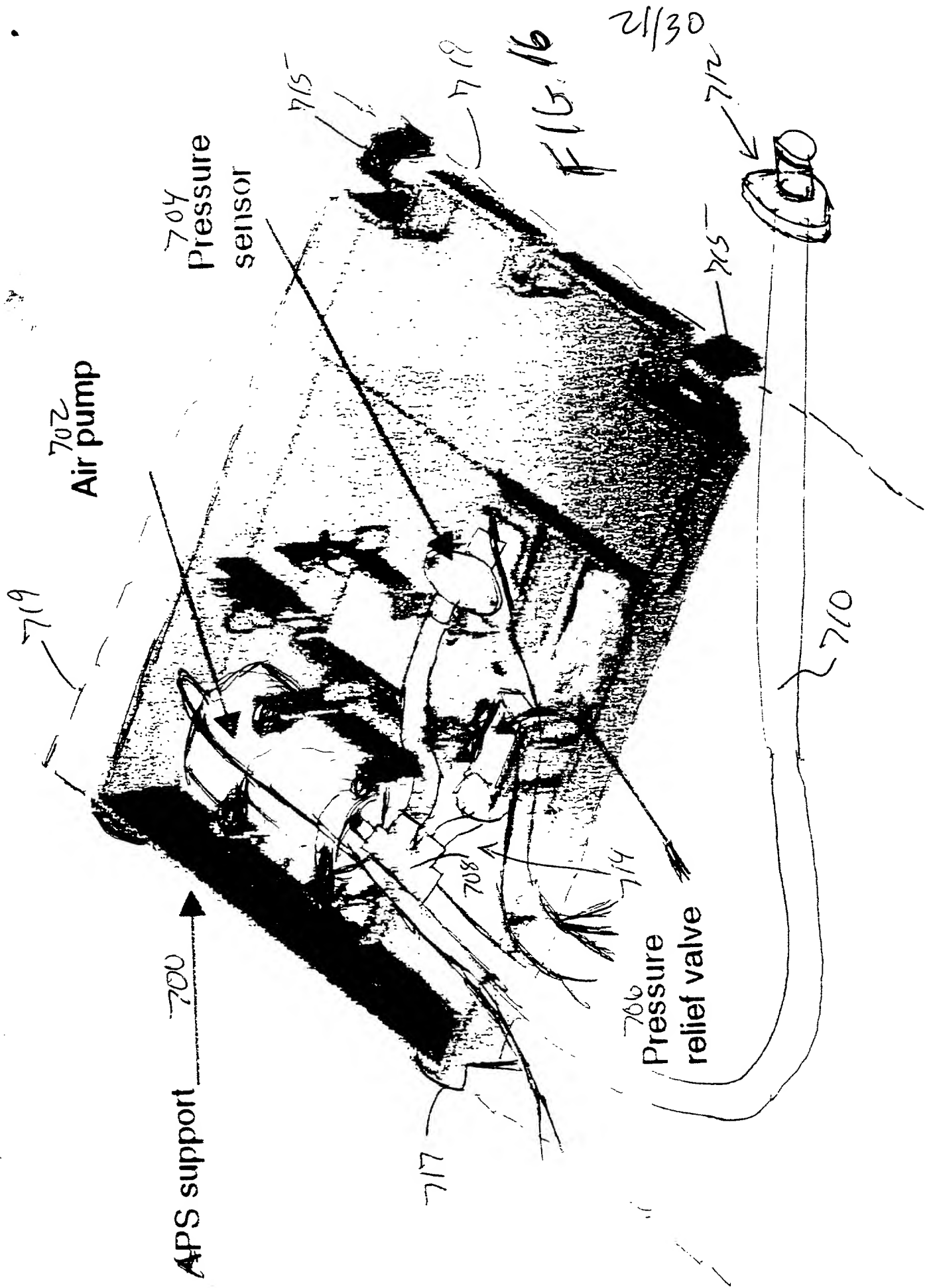


FIG. 17

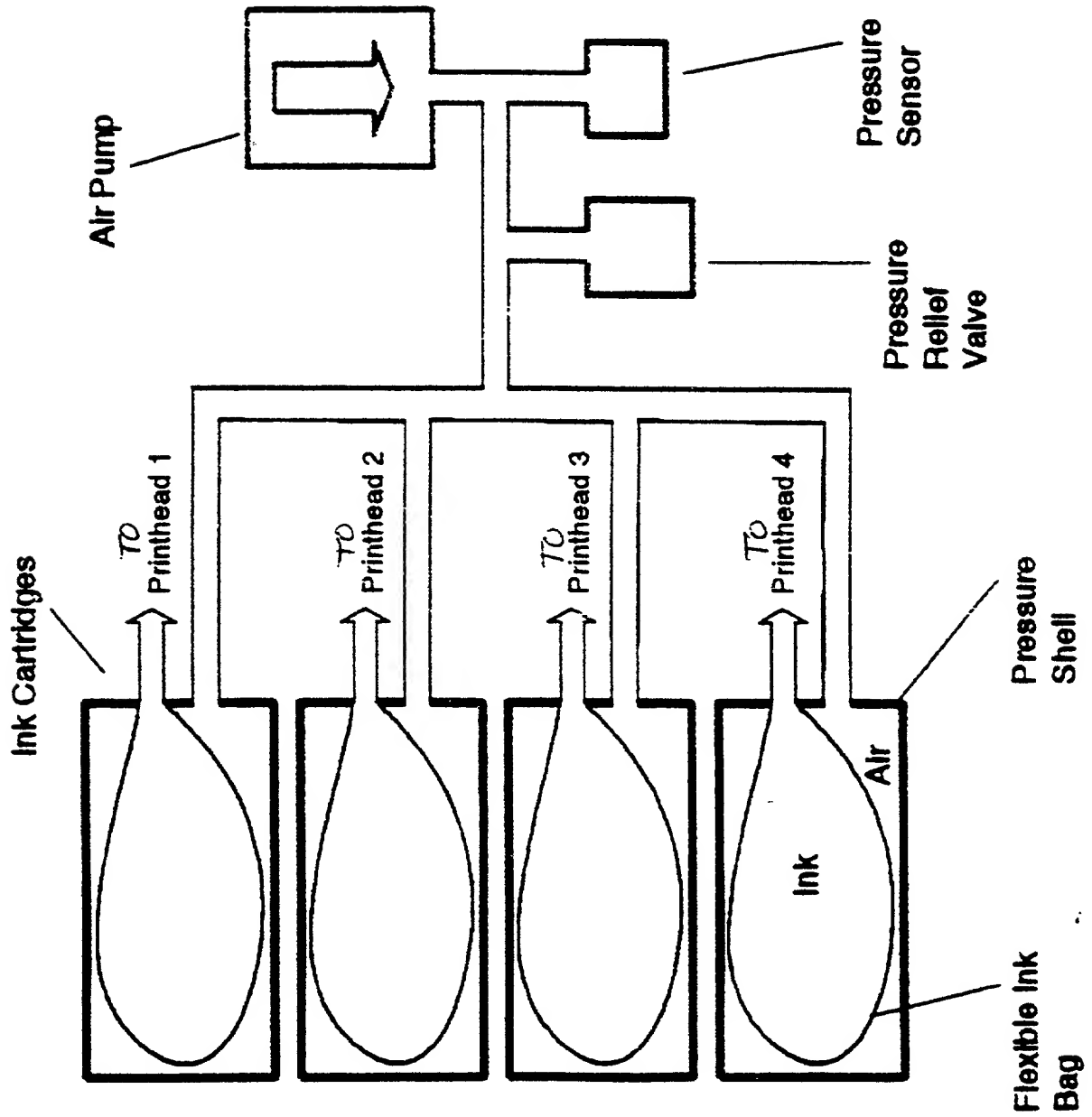


FIG. 18A

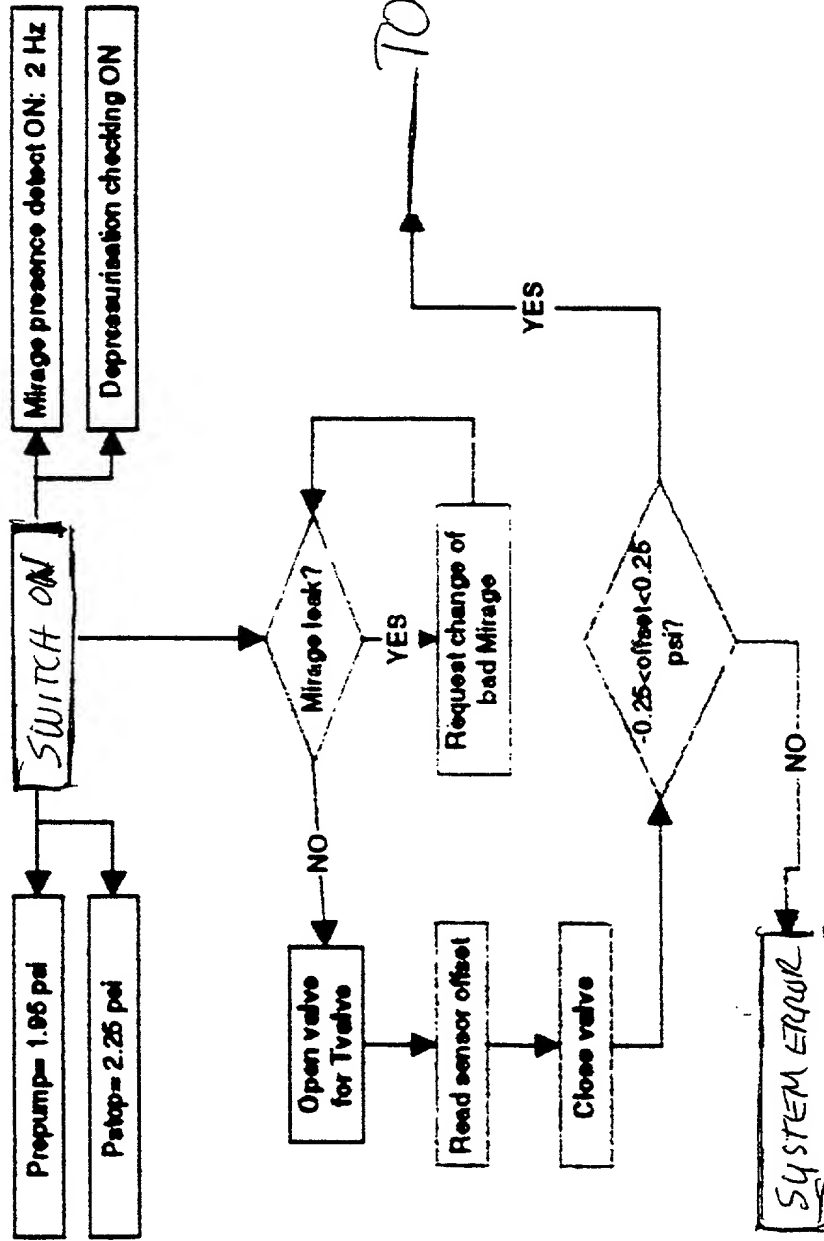
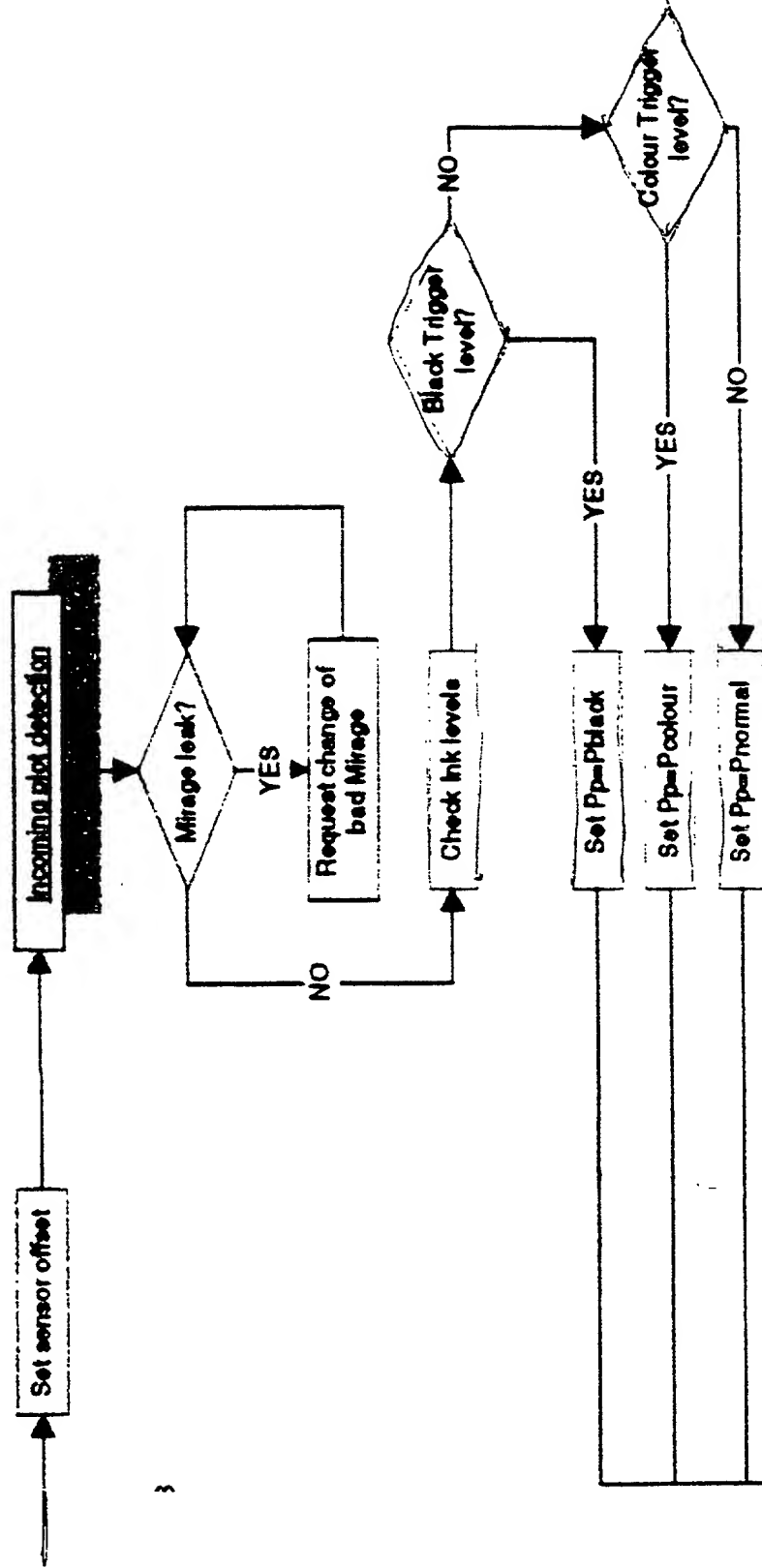


FIG. 18B

FROM
FIG.
18A



TO FIG. 18C

FROM FIG. 18B

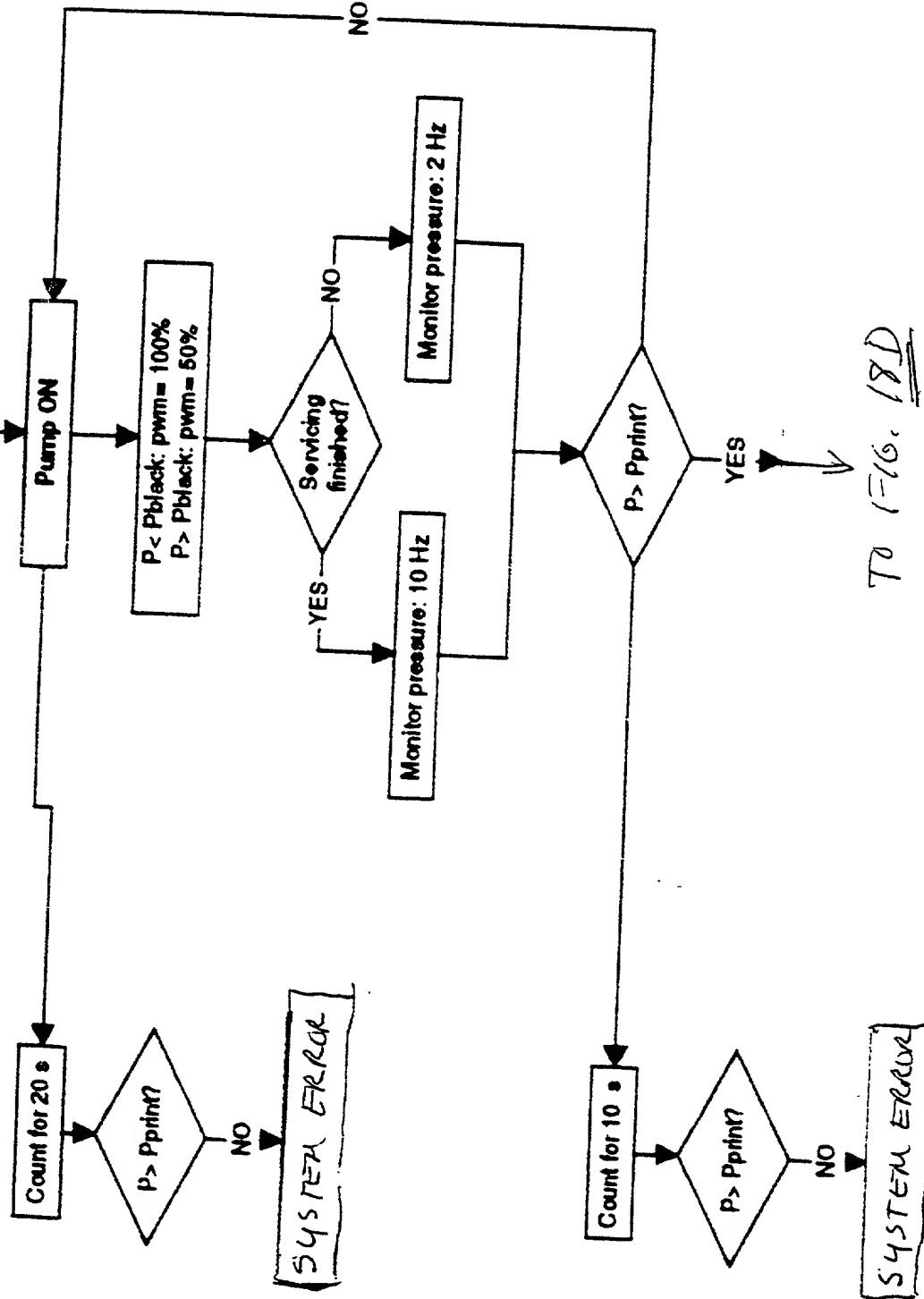


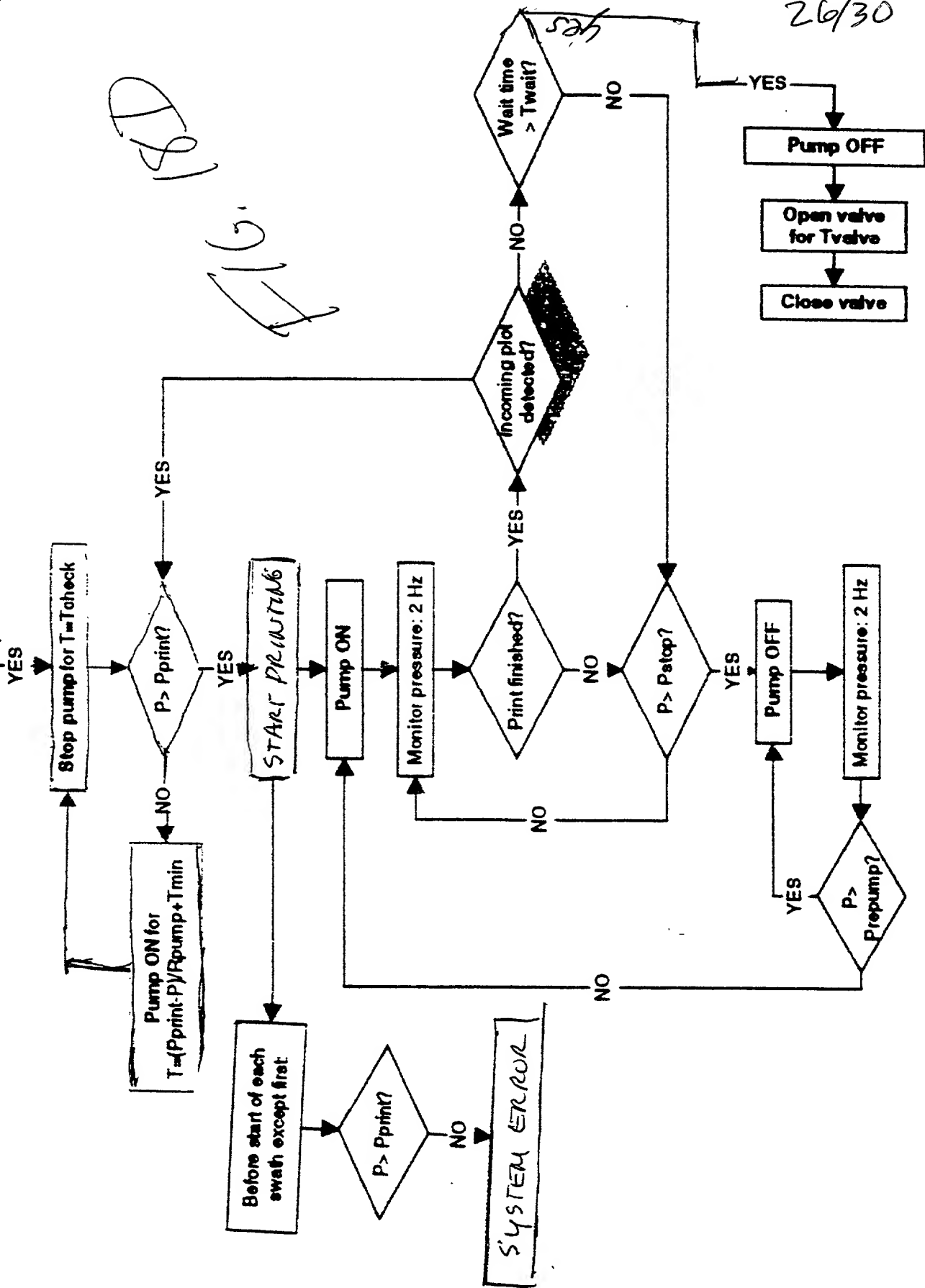
FIG. 18C

FROM FIG. 18C

18D

FIG.

26/30



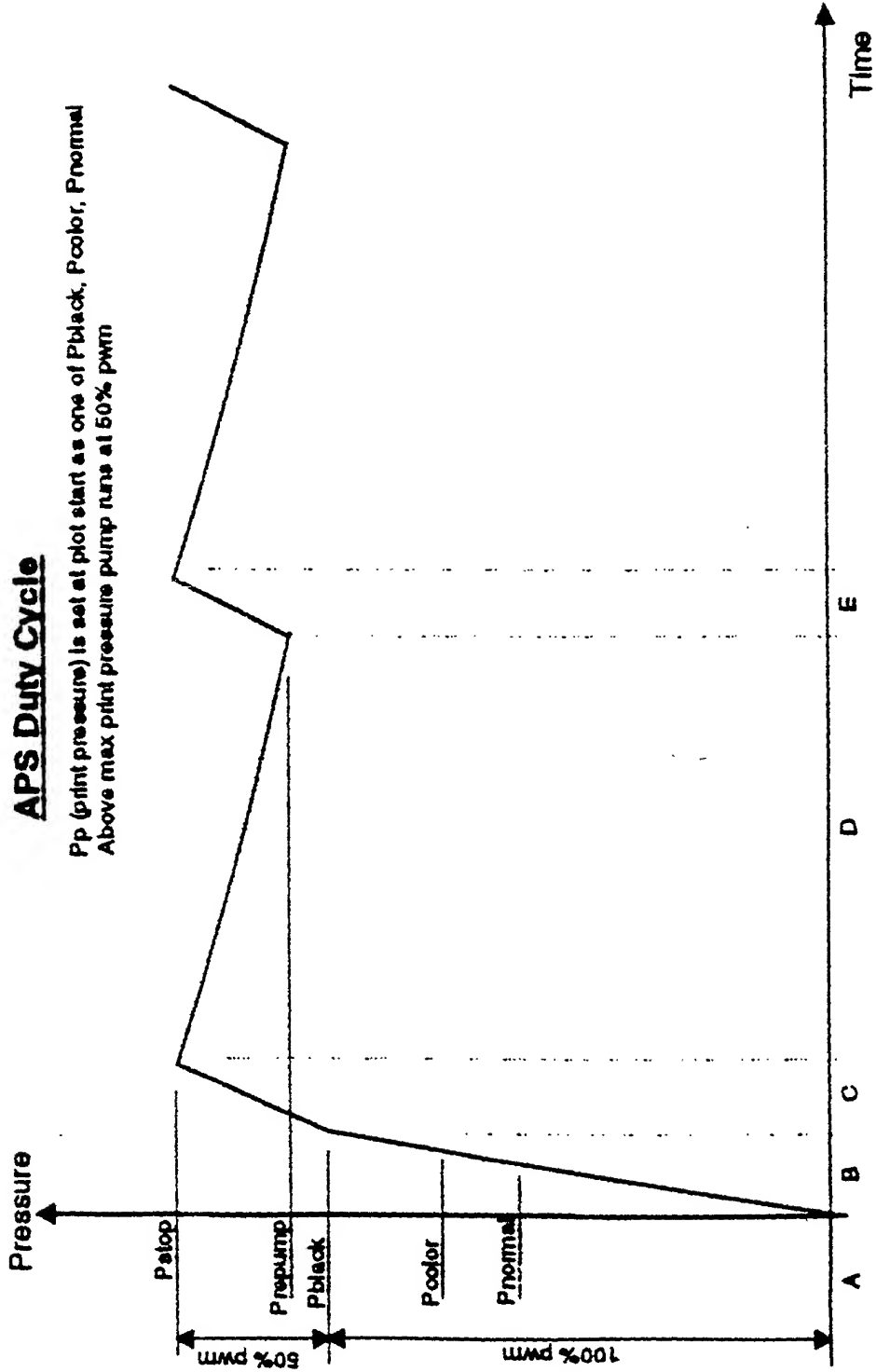
27/30

104260-3042600

Fig. 19

APS Duty Cycle

Pp (print pressure) is set at plot start as one of Pblack, Pcolor, Pnormal
Above max print pressure pump runs at 50% PWM



28/30

FIG. 20

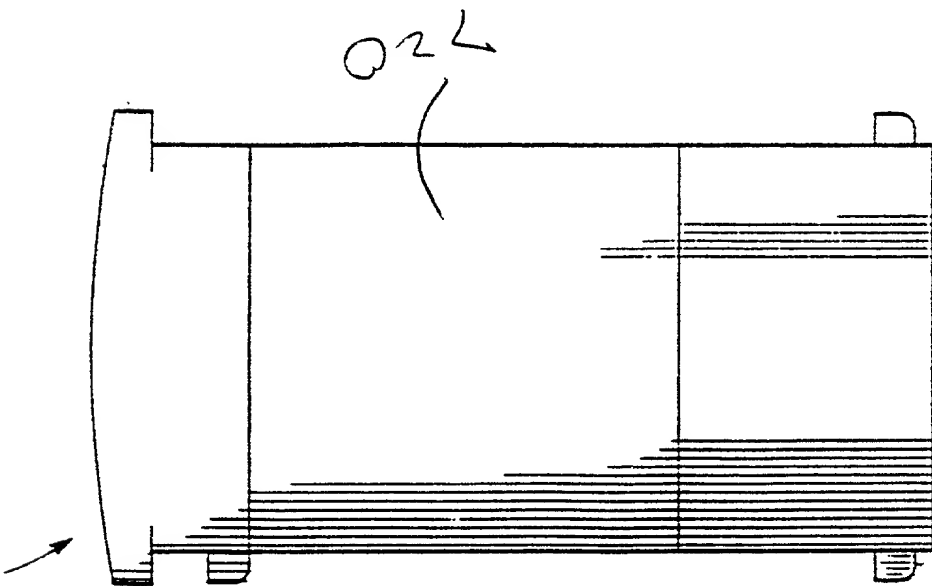
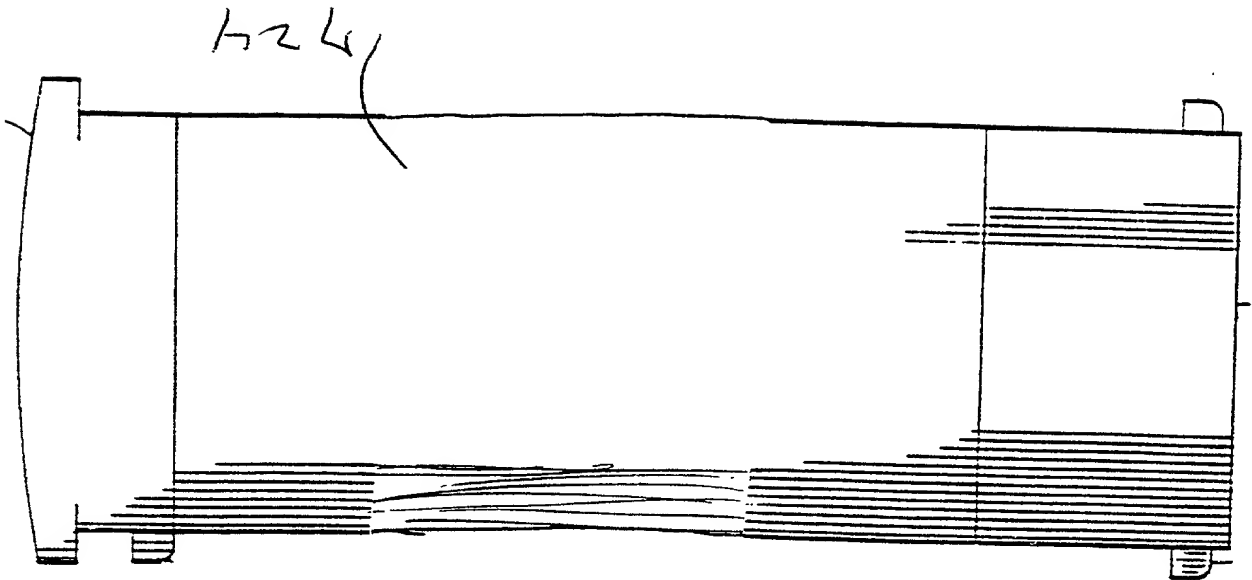


FIG. 22

29/30

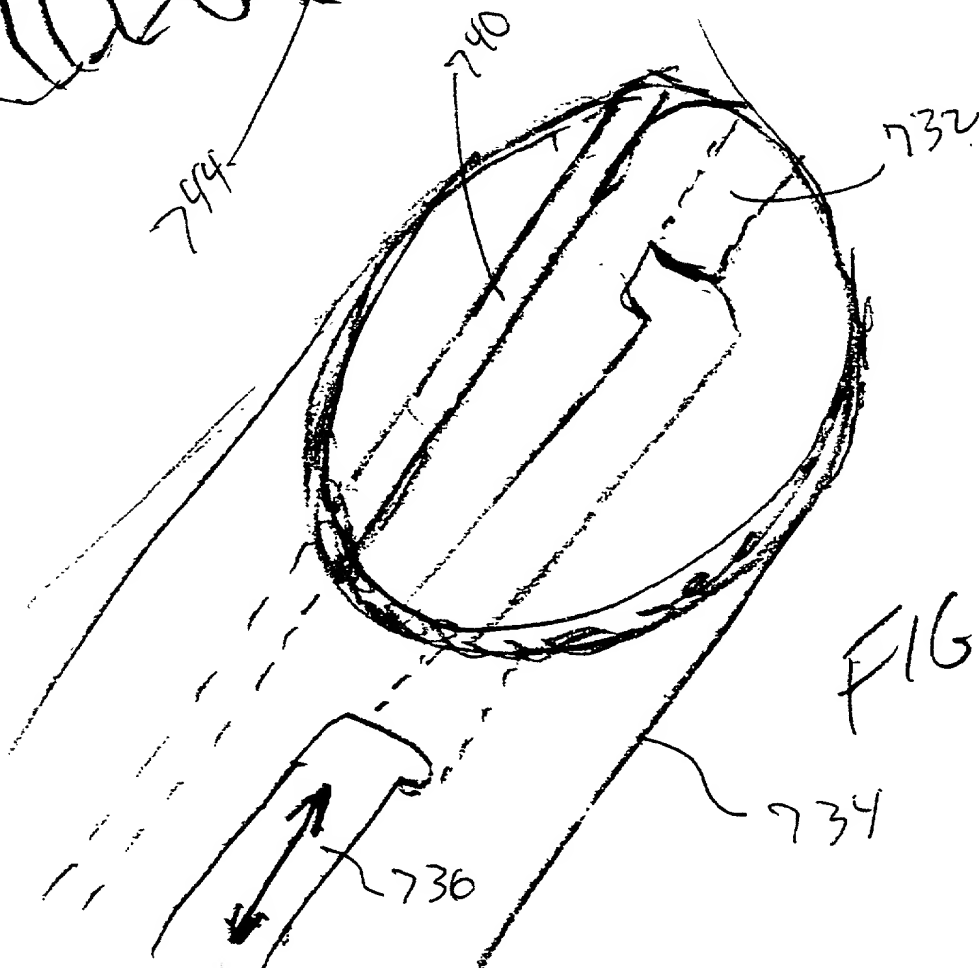
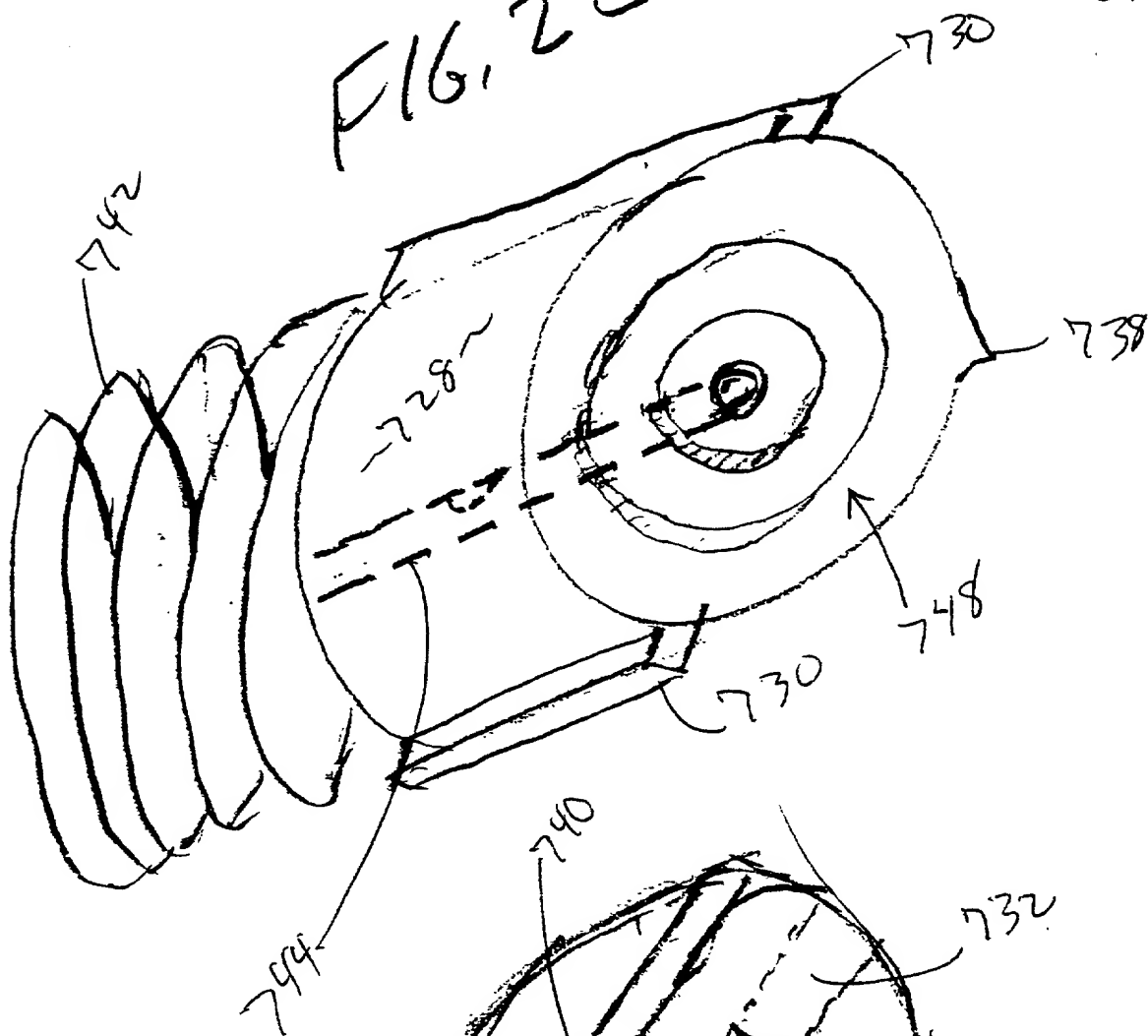


FIG. 21

FIG. 23

30/30

OPERATING MODE	PRESSURE RELIEF VALVE	APPROXIMATE AIR PRESSURE
SYSTEM ERROR	OPEN	ZERO
NEW INK SYSTEM INSTALLED - PURGE FROM INK TUBES	$\frac{\text{OPEN } \Delta}{\text{CLOSED}}$	1.5 PSI
PRIME PRINTHEADS WITH POSITIVE INK PRESSURE	$\frac{\text{OPEN } \Delta}{\text{CLOSED}}$	2 PSI
REPLACE PRINTHEAD	OPEN	ZERO
REPLACE INK CARTRIDGE	OPEN	ZERO
NORMAL PRINTING	CLOSED	2.5 PSI
OVERNIGHT NON-USE	OPEN	ZERO